

ABSTRACT OF THE DISCLOSURE

5 Mouse genes differentially expressed in comparisons of
normal vs. hyperinsulinemic, hyperinsulinemic vs. type 2
diabetic, and normal vs. type 2 diabetic muscle by gene chip
analysis have been identified, as have corresponding human
genes and proteins. The human molecules, or antagonists
thereof, may be used for protection against hyperinsulinemia
or type 2 diabetes, or their sequelae.

10

G:\ipc\d-f\Edis\Kopchick15.1\kopchick15.1.appl.masterdoc.wpd